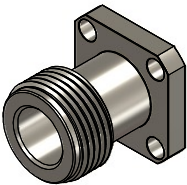


Revisions		
Issue	Date	Note
3	07/08/2026	See GTXPDC/1237



1. Mechanical

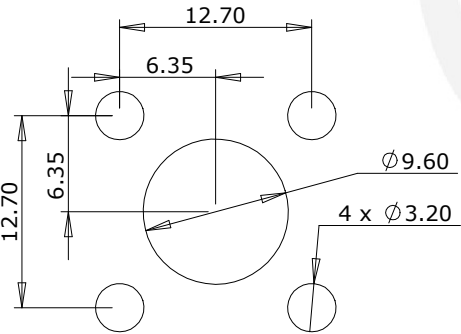
Cable Retention	136N
Durability	500 mating cycles
Fixing Method	Solder
Contact Retention	27N

2. Environmental

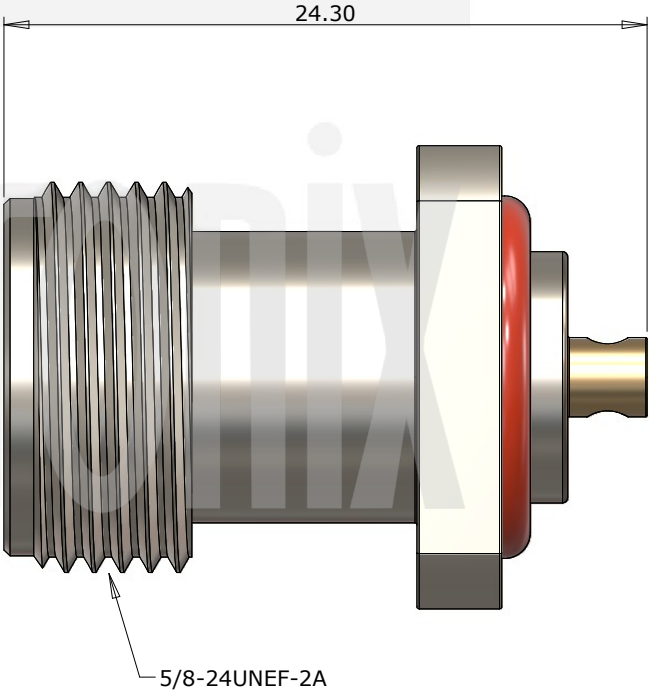
RoHS Compliant	Yes
Temperature Range	-65 to +165 degrees C

3. Electrical

Dielectric Withstanding	2500 Volts RMS Maximum
Impedance	50 ohms
Interface Frequency	11 GHz
Working Voltage	1500 Volts RMS Maximum



Panel Cut Out



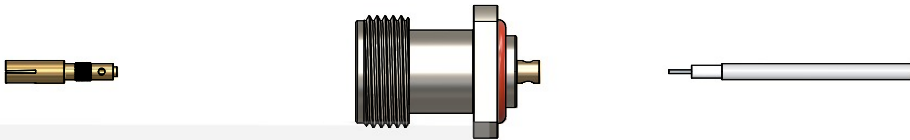
				Unless otherwise specified tolerances 0.5-5 = ±0.2 >5-30 = ±0.4 >30-120 = ±0.6 >120-315 = ±1.0 >315-1000 = ±1.6 Angles = ±5° Units = mm		Author PJP	
						Drawn by PJP	
						Drawing date 30/11/2017	
5	Gasket	Silicone	Red			Checked by DB	
4	Solder Nut	Brass	Gold			Checked date 20/04/2018	
3	Dielectric	PTFE	White	This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.	Part Number NT06-0405-R49-27	Scale 2.5 : 1	
2	Contact	Phosphor Bronze	Gold			Title: N Type Solder Flange Jack with Gasket, Tri Alloy Plated, Small Flange, RG405C, RG405CFEP, .085 semi-rigid	
1	Body	Brass	Tri-Alloy				
	Description	Material	Finish				

Revisions		
Issue	Date	Note
3	07/08/2026	See GTXPDC/1237

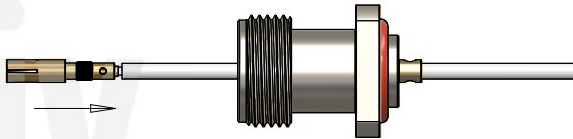
ASSEMBLY INSTRUCTIONS

Assembly Instructions:

1) Strip the cable to the dimensions as shown, taking care not to nick the centre conductor



2) Slide the cable through the connector body and solder the contact onto the cable centre core. Push the contact back into the body until fully located

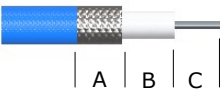


3) Solder the outer shield of the cable to the connector mandril



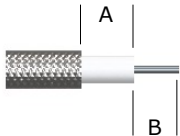
Strip Dimensions: RG405CFEP

A=24.5mm, B=0.0mm, C=2.5mm
with a 0.25mm air gap using a spacer



Strip Dimensions RG405C & .085 semi-rigid:

A=0.0mm, B=2.5mm
with a 0.25mm air gap using a spacer



				Unless otherwise specified tolerances 0.5-5 = ±0.2 >5-30 = ±0.4 >30-120 = ±0.6 >120-315 = ±1.0 >315-1000 = ±1.6 Angles = ±5° Units = mm		Author		PJP	
						Drawn by		PJP	
						Drawing date		30/11/2017	
						Checked by		DB	
						Checked date		20/04/2018	
						Scale		2.5 : 1	
2	Contact	Phosphor Bronze	Gold	This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.	Part Number		NT06-0405-R49-27		
1	Body	Brass	Tri-Alloy		Title: N Type Solder Flange Jack with Gasket, Tri Alloy Plated, Small Flange, RG405C, RG405CFEP, .085 semi-rigid				
	Description	Material	Finish						